

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2571	((366/162.4-162.5) or (366/176.1-176.4) or (366/336-340) or (137/896) or (366/181.5)). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/12/14 16:51
L2	47	1 and @pd>"20100701"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/14 16:51
S1	131	(366/176.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/21 12:40
S2	2	("5720551"   "6413706"). PN.	US-PGPUB; USPAT	OR	ON	2007/01/15 19:54
S3	15857	b01f005/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/15 20:54
S4	2557	S3 and (emulsifi\$6 or dispers\$4 or depressur\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/15 20:54
S5	10679	b01j003/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/15 20:54
S6	462	S5 and (emulsifi\$6 or dispers\$4 or depressur\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/14 16:20
S8	3302	((366/149) or (366/176.2-176.4) or (366/336-340) or (138/40) or (366/181.5)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/04 14:17
S9	181	("0199474"   "0366169"   "0617983"   "0973328"   "0996704"   "1070218"   "1070226"   "1112594"   "1436947"   "1496858"   "1533843"   "1593762"   "1848100"   "1926484"   "2068136"   "2198614"   "2584805"   "2597422"   "2705620"   "2882025"   "3079133"   "3153578"   "3179385"   "3329410"   "3459407"   "3476521"   "3482822"   "3526391"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 09:25

		"3648984"   "3732851"   "3761311"   "3788337"   "3807632"   "3833718"   "3852013"   "3856270"   "3883121"   "3892389"   "3941355"   "3941552"   "3965975"   "4070008"   "4081863"   "4087862"   "4108606"   "4124309"   "4159881"   "4160002"   "4205696"   "4218012"   "4218221"   "4299498"   "4337161"   "4348432"   "4352573"   "4378335"   "4399104"   "4440500"   "4452917"   "4452919"   "4514095"   "4533254"   "4534388"   "4568003"   "4597671"   "4684254"   "4701055"   "4721602"   "4723715"   "4766176"   "4778083"   "4783389"   "4805154"   "4854713"   "4856908"   "4869849"   "4890771"   "4908154"   "4919347"   "4944602"   "4976547"   "4996004"   "5017654"   "5026427"   "5028450"   "5035362"   "5056715"   "5082633"   "5086982"   "5098669"   "5110463"   "5121992"   "5147412"   "5199640"   "5244149"   "5279463"   "5289981"   "5320679"   "5329964"   "5366287"   "5380089"   "5720551"   "5765766"   "5843334"   "5887977"   "5931771"   "6106145"   "6502979"). PN. OR ("2005/0041523"   "4352573"   "5332313"   "5482369"   "5720551"   "5984519"   "6051630"   "6149293"   "6764213"). URPN.				
S10	15858	b01f005/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 11:38
S11	5058	b01f005/\$	EPO; JPO	OR	ON	2007/01/17 11:38
S12	40	S11 and emulsifier	EPO; JPO	OR	ON	2007/01/17 11:38

S13	3419	((366/149) or (366/176.1-176.4) or (366/336-340) or (138/40) or (366/181.5)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/14 15:41
S14	20	S13 and @pd>"20070117"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/14 16:13
S15	2	("20050041523").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/14 15:44
S16	243	(516/928-931).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/14 16:13
S17	71	(emulsifi\$6 or dispers\$4 or depressur\$6) and backpressure and shear \$4.clm.	US-PGPUB	OR	ON	2007/06/14 16:23
S18	147	(emulsifi\$6 or dispers\$4 or depressur\$6) and backpressure and shear \$4 and (step\$4 or stagger \$4).clm.	US-PGPUB	OR	ON	2007/06/14 17:19
S19	138	(366/162.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/04 13:53
S20	2	("6923213").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/04 13:54
S21	134	(366/176.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/04 13:54
S22	209	("0199474"   "0366169"   "0617983"   "0973328"   "0996704"   "1070218"   "1070226"   "1112594"   "1436947"   "1496858"   "1533843"   "1593762"   "1848100"   "1926484"   "20030147303"   "20040042336"   "20040071044"   "2068136"   "2198614"   "2584805"   "2597422"   "2705620"   "2882025"   "3052288"   "3079133"   "3153578"   "3179385"   "3203675"   "3329410"   "3357683"   "3459407"   "3476521"   "3482822"   "3526391"   "3598534"   "3648984"   "3732851"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/04 14:03

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"2007/0140046"	
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		"7207712").URPN.				
S23	313	b01f005/08	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/04 14:58
S24	1823	b01f005/02	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/04 14:58
S25	3270	b01f005/04	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/04 14:58
S26	3747	b01f005/06	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/04 14:58
S27	1228	(S24 or S25 or S26) and (rod or shaft or annular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/04 14:59
S28	650	(S24 or S25 or S26) and (rod or shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/04 15:02
S29	19	("1496858"   "2751335"   "2890868"   "3701484"   "3833718"   "4533254"   "4908154"   "5366287"   "5380089"   "5417957"   "5465913"   "5466646"   "5482369"   "5852076"   "6051630"   "6126948"   "6159442"   "6221332"   "6227694").PN.	US-PGPUB; USPAT	OR	ON	2007/08/04 15:02
S30	2	("2000126042").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/04 15:47
S31	2	("20040050430").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/21 13:00
S32	24	("1496858"   "2751335"   "2890868"   "20060187748"   "3701484"   "3833718"   "4533254"   "4534388"   "4908154"   "5366287"   "5380089"   "5417957"   "5465913"   "5466646"   "5482369"   "5492654"   "5852076"   "6051630"   "6126948"   "6159442"   "6221332"   "6227694"   "6502979"   "6923213"). PN.	US-PGPUB; USPAT	OR	ON	2007/09/21 13:00

S33	141	(366/162.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/13 15:55
S34	14	("2976024"   "20030153709"   "20040234681"   "3598534"   "4533254"   "5482077"   "5852076"   "5927852"   "6221332"   "6328542"   "6558132"   "6558134"   "6923213"   "6923865").PN.	US-PGPUB; USPAT	OR	ON	2008/02/13 16:12
S35	18	("3052288"   "3357683"   "3598534"   "3833718"   "4533254"   "4709728"   "4783389"   "4856908"   "5026427"   "5366287"   "5852076"   "5927852"   "6051630"   "6398404"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/07 15:22
S36	1717	b01f005/04	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/07 15:30
S37	821	b01f005/02	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/07 15:31
S38	1954	b01f005/06	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/07 15:31
S39	1048	(S36 or S37 or S38) and (shaft or rod or tube or impact or impinge\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/07 15:32
S40	3073	((366/162.4) or (366/176.1-176.4) or (366/336-340) or (138/40) or (366/181.5) or (516/928-931)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/07 16:08
S41	43	S40 and @pd>"20070804"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/07 16:08
S42	206	((366/162.4) or (366/176.1-176.4) or (366/336-340) or (138/40) or (366/181.5) or (516/928-931)).CCLS.	US-PGPUB	OR	OFF	2008/04/07 16:12
S43	141	(366/162.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/07 16:21

S44	268	(137/896).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/07 16:23
S45	153	(366/162.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/19 18:04
S46	3196	((366/162.4) or (366/176.1-176.4) or (366/336-340) or (138/40) or (366/181.5) or (516/928-931)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/19 18:18
S47	9	("5482077"   "5852076"   "5927852"   "6051630"   "6328542"   "6558134"   "6923213"   "6923865"   "7141119").PN.	US-PGPUB; USPAT	OR	OFF	2010/02/19 18:24
S48	607	("0188201"   "0199474"   "0366169"   "0617983"   "0890121"   "0949869"   "0973328"   "0996704"   "1070218"   "1070226"   "1112594"   "1237222"   "1436947"   "1465390"   "1496345"   "1496858"   "1504851"   "1522120"   "1531354"   "1533843"   "1593762"   "1848100"   "1925787"   "1926484"   "1996159"   "20030147303"   "20040042336"   "20040071044"   "20060187748"   "20070140046"   "2025479"   "2043108"   "2068136"   "2198614"   "2370433"   "2504678"   "2584805"   "2597422"   "2647103"   "2705620"   "2719584"   "2751335"   "2768123"   "2773029"   "2817500"   "2825464"   "2868516"   "2882025"   "2890868"   "2995346"   "2995451"   "2998198"   "3031271"   "3052288"   "3053276"   "3056661"   "3079133"   "3111389"   "3153578"   "3164164"   "3179385"   "3183065"   "3188337"   "3203675"   "3228878"   "3251092"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/19 18:25

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S52	121	(366/162.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/23 11:59
S53	21	((MARK) near2 (SERAFIN)).INV.	US-PGPUB; USPAT	OR	OFF	2010/02/23 12:04
S54	1	((NEAL) near2 ("NELSON, JR")).INV.	US-PGPUB; USPAT	OR	OFF	2010/02/23 12:04
S55	10	((RICHARD) near2 (OLMSTED)).INV.	US-PGPUB; USPAT	OR	OFF	2010/02/23 12:04

S56	17	("3788337"   "3052288"   "3357683"   "3598534"   "3833718"   "4092118"   "4533254"   "4709728"   "4783389"   "4856908"   "5026427"   "5366287"   "5852076"   "5927852"   "6051630"   "6398404"   "6923213").PN.	US-PGPUB; USPAT	OR	OFF	2010/02/23 12:06
S57	9	("5482077"   "5852076"   "5927852"   "6051630"   "6328542"   "6558134"   "6923213"   "6923865"   "7141119").PN.	US-PGPUB; USPAT	OR	OFF	2010/02/23 12:10
S58	25	(366/162.4).CCLS.	US-PGPUB	OR	OFF	2010/02/23 12:29
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S60	158	(366/162.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 16:09
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S67	3	("4261521").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/01 12:40

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